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 FACIL:STN-50-528 Palo Verde Nuclear Station, Unit 1, Arizona Publi 05000528
 STN-50-529 Palo Verde Nuclear Station, Unit 2, Arizona Publi 05000529
 STN-50-530 Palo Verde Nuclear Station, Unit 3, Arizona Publi 05000530
 AUTH.NAME AUTHOR AFFILIATION
 VAN BRUNT,E.E. Arizona Public Service Co.
 RECIP.NAME RECIPIENT AFFILIATION
 NOVAK,T.M. Assistant Director for Licensing

SUBJECT: Informs of design mods incorporated into listed drawings to provide two devices in series for adequate primary & backup protection of circuits.Mods close confirmatory item discussed in Section 8.4.3 of SER.

DISTRIBUTION CODE: B001S COPIES RECEIVED:LTR 1 ENCL 1 SIZE: 2
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NOTES:Standardized plant. 05000528
 Standardized plant. 05000529
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NRR LB3 LA	1 0	LICITRA,E. 01	1 1
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IE/DEP EPDS 35	1 1	IE/DEP/EPLB 36	3 3
NRR/DE/AEAB	1 0	NRR/DE/CEB 11	1 1
NRR/DE/EQB 13	3 3	NRR/DE/GB 28	2 2
NRR/DE/HGEB 30	2 2	NRR/DE/MEB 18	1 1
NRR/DE/MTEB 17	1 1	NRR/DE/QAB 21	1 1
NRR/DE/SAB 24	1 1	NRR/DE/SEB 25	1 1
NRR/DHFS/HFEB40	1 1	NRR/DHFS/LQB 32	1 1
NRR/DHFS/OLB 34	1 1	NRR/DHFS/PTRB20	1 1
NRR/DSI/AEB 26	1 1	NRR/DSI/ASB 27	1 1
NRR/DSI/CPB 10	1 1	NRR/DSI/CSB 09	1 1
NRR/DSI/ETSB 12	1 1	NRR/DSI/ICSB 16	1 1
NRR/DSI/PSB 19	1 1	NRR/DSI/RAB 22	1 1
NRR/DSI/RSB 23	1 1	NRR/DST/LGB 33	1 1
REG FILE 04	1 1	RGNS	2 2
RM/DDAMI/MIB	1 0		

EXTERNAL: ACRS 41	6 6	BNL(AMDTs ONLY)	1 1
DMB/DSS (AMDTs)	1 1	FEMA-REP DIV 39	1 1
LPDR 03	1 1	NRC PDR 02	1 1
NSIC 05	1 1	NTIS	1 1

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The following information was obtained from the records of the
 Department of the Interior, Bureau of Land Management, for the
 period from January 1, 1900, to December 31, 1900.
 The total number of acres of land in the State of California
 was 1,115,000,000. The total number of acres of land in the
 State of California was 1,115,000,000.

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ARIZONA



PUBLIC SERVICE COMPANY

P. O. BOX 21666 • PHOENIX, ARIZONA 85036

October 25, 1982
ANPP-22082 - WFQ/KEJ

^M
Mr. T. H. Novak
Assistant Director of Licensing
Division of Licensing
Office of Nuclear Reactor Regulation
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Subject: Palo Verde Nuclear Generating Station
(PVNGS) Units 1, 2 and 3
Docket Nos. STN-50-528/529/530
File: 82-056-026; G.1.01.10

Reference: NUREG-0857, "Safety Evaluation Report Related to the
Operation of Palo Verde Nuclear Generating Station,
Units 1, 2 and 3 dated November, 1981."

Dear Mr. Novak:

Section 8.4.3 of the referenced SER states that APS committed to modify the low voltage control systems, power circuits, high energy level control circuits, and circuits that are required for short periods of time during start-up, refueling, or maintenance shutdown, to provide two devices in series for adequate primary and backup protection. For DC circuits where the circuit resistance did not limit the fault current, APS committed to provide two fuses in series for primary and backup protection. These design modifications are incorporated onto the following drawings:

DWGS: 13-E-PGA-001, Revision 5	13-E-HCB-005, Revision 4
13-E-PGA-002, Revision 5	13-E-HCB-006, Revision 6
13-E-PGA-003, Revision 5	13-E-ZAC-015, Revision 16
13-E-PGA-004, Revision 4	13-E-ZAC-016, Revision 18
13-E-PGA-006, Revision 2	13-E-ZAC-065, Revision 8
13-E-NGA-003, Revision 4	13-E-ZAC-066, Revision 8
13-E-NGA-006, Revision 3	13-E-ZAC-070, Revision 14
13-E-NGA-009, Revision 5	13-E-ZAC-071, Revision 11
13-E-NGA-010, Revision 3	13-E-RCB-010, Revision 5
13-E-HCB-001, Revision 8	
13-E-HCB-002, Revision 6	
13-E-HCB-004, Revision 6	

These drawings are available for NRC review at the PVNGS site. If you would like to have a copy of these drawings forwarded to you, please contact me.

3001

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PDR ADDCK 05000528
E PDR



Mr. T. H. Novak
October 25, 1982
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This closes the confirmatory item as discussed in section 8.4.3 of the referenced SER.

If you have any questions concerning these matters, please contact me.

Very truly yours,

E. E. Van Brunt

E. E. Van Brunt, Jr.
APS Vice President,
Nuclear Projects
ANPP Project Director

EEVBJr/KEJ/sp

cc: E. Licitra
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P. Hourihan
A. C. Gehr

